

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011539**Date Inspected:** 04-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Zhu Zhong Hai**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Hiranch Patel, was present during the times noted above for observations relative to the work being performed.

**Bay#13**

SMAW welding of weld joint CSD3-PP95-013~016 located on Segment 11AW. Welder is identified as 067764 (4F). ZPMC QC is identified as Guo Xing Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2114-FCM.

SMAW welding of weld joint CSD3-PP97-013~016 located on Segment 11AW. Welder is identified as 200112 (4F). ZPMC QC is identified as Guo Xing Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2114-FCM.

FCAW welding of weld joint SSD14A-PP101-225 located on Segment 11CW. Welder is identified as 058551 (3G). ZPMC QC is identified as Guo Xing Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2233-Tc-U5-F.

FCAW welding of weld joint SSD14A-PP101-227 located on Segment 11CW. Welder is identified as 058551 (2G). ZPMC QC is identified as Guo Xing Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2212-Tc-U4b-F.

FCAW welding of weld joint SSD13-PP95-009, 002 located on Segment 11AW. Welder is identified as 214945

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## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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(3G). ZPMC QC is identified as Guo Xing Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2233-B-U2-F.

FCAW welding of weld joint SSD13-PP96-009, 002 located on Segment 11AW. Welder is identified as 055491 (3G). ZPMC QC is identified as Guo Xing Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2233-B-U2-F.

FCAW welding of weld joint SSD13-PP97-009, 002 located on Segment 11AW. Welder is identified as 044715 (3G). ZPMC QC is identified as Guo Xing Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2233-B-U2-F.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents.

### Summary of Conversations:

No relevant conversations.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Patel,Hiranch	Quality Assurance Inspector
<b>Reviewed By:</b>	Patterson,Rodney	QA Reviewer

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